RECEIVED
CENTRAL FAX CENTER
OCT 27 2005

9405 SW Gemini Drive, Beaverton, OR 97008 USA
T. +1 503.469.4800 F. +1 503.469.4777 www.digimarc.com

FACSIMILE TRANSMITTAL

DATE: October 27, 2005

TO: Commissioner of Patents

FAX: 571-273-8300

FROM: Steven W. Stewart

PAGES: 4 (including cover)
5 sws

RE: U.S. Patent Application No. 10/683,560

FILED: October 9, 2003

FOR: DIGITAL AUTHENTICATION WITH DIGITAL AND ANALOG DOCUMENTS

ART UNIT: 2625

DOCKET NO.: P0879

✓ Urgent ☐ For Review ☐ Please Reply

RECEIVED
OIPE/IAP
OCT 31 2005

FACSIMILE COVER LETTER

Attached is an Information Disclosure Statement and Form 1449 with deposit account authorization for the above referenced application.

CERTIFICATE OF FAXING

I hereby certify that these papers are being facsimile transmitted to the US Patent Office, 571-273-8300 on October 27, 2005.

Steven W. Stewart, Reg. No. 45,133
Attorney for Applicant

If you do not receive all pages or if you have problems receiving transmittal, please call us at 503-469-4800.

The information contained in this fax is confidential and may be legally privileged. It is intended solely for the addressee. Access to this fax by anyone else is not authorized. If you have not the intended recipient, any disclosure, copying, distribution or any action you take or fail to take in reliance on it, is prohibited and may be unlawful.

BEST AVAILABLE COPY

SWS:lmp 10/27/05

PATENT
Attorney's Matter No. P0879

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
CENTRAL FAX CENTER
OCT 27 2005

In re application of:
Tian et al.

Application No.: **10/683,560**
Filed: October 9, 2000
For: DIGITAL AUTHENTICATION WITH DIGITAL AND ANALOG DOCUMENTS

Examiner: B. Choobin
Date: October 27, 2005

Art Unit 2625
Conf. No.: 7905

CERTIFICATE OF TRANSMISSION
I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being facsimile transmitted to the United States Patent and Trademark Office on October 27, 2005, at 571-273-8300.

Steven W. Stewart
Attorney for Applicant

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Applicant submits herewith information of which he is aware, and which he believes may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449; copies of the foreign patent documents and non-patent literature were provided in the parent application so no copies are enclosed.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

Please charge the fee of **$180.00** under 37 C.F.R. § 1.17(p) and any additional fees or credit any over-payment in connection with the filing of this Information Disclosure Statement to Deposit Account No. 50-1071.

Date: October 27, 2005

Respectfully submitted,

DIGIMARC CORPORATION

By _____
Steven W. Stewart
Registration No. 45,133

Customer No. 23735

Phone: 503-469-4685
FAX: 503-469-4777

10/31/2005 LWONDIM1 00000023 501071 10683560
01 FC:1806 180.00 DA

INFORMATION DISCLOSURE STATEMENT	Docket: P0879	Ser. No. 10/683,560
	Applicant: Tian et al.	
	Filed: October 09, 2003	Group: 2625

US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
	5,505,494	4/9/96	Belluci et al.	
	5,636,292	6/3/97	Rhoads	
	5,617,119	4/1/97	Briggs et al.	
	5,652,626	7/29/97	Kawakami et al.	
	5,787,186	7/28/98	Schroeder	
	5,799,092	8/25/98	Kristol et al.	
	5,825,892	10/20/98	Braudaway et al.	
	5,835,639	11/10/98	Honsinger et al.	
	5,862,260	1/19/99	Rhoads	
	5,912,972	6/15/99	Barton	
	5,933,798	8/3/99	Linnartz	
	5,943,422	8/24/99	Van Wie et al.	
	6,005,936	12/21/99	Shimizu	
	6,024,287	2/15/00	Takai et al.	
	6,064,764	5/16/00	Bhaskaran et al.	
	6,101,602	8/8/00	Fridrich	
	6,122,403	9/19/00	Rhoads	
	6,226,387	5/1/01	Tewfik et al.	
	6,243,480	6/5/01	Zhao et al.	
	6,275,599	8/14/01	Adler	
	6,285,775	9/4/01	Wu et al.	
	6,292,092	9/18/01	Chow et al.	
	6,321,981	11/27/01	Ray et al.	
	6,332,030	12/18/01	Manjunath et al.	
	6,332,031	12/18/01	Rhoads et al.	
	6,385,329	5/7/02	Sharma	
	6,504,941	1/7/03	Wong	
	6,683,966	1/27/04	Tian et al.	
	6,714,683	3/30/04	Tian et al.	
	6,748,533	6/8/04	Wu	
	20020056041	5/9/02	Moskowitz	
	09/404,291	9/23/99	Levy (available via electronic image file wrapper)	

Examiner Signature:	Date Considered:
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.	

INFORMATION DISCLOSURE STATEMENT	Docket: P0879	Ser. No. 10/683,560
	Applicant: Tian et al.	
	Filed: October 09, 2003	Group: 2625

Foreign Patent Documents				
Ex'r Initial	Number	Date	Country	Class
	EP0891071	1/13/99	EPO	
	EP0953938	11/3/99	EPO	
	WO00/33282	6/8/00	PCT	
	WO00/75925	12/14/00	PCT	

Other References	
Ex'r Initial	Cite
	Chae et al., "A Robust Embedded Data from Wavelet Coefficients", Department of Electrical and Computer Engineering, University of California.
	Cooklev et al., "A Multiresolution Technique for Watermarking Digital Images", ICCE, June 11-13, 1997, pp. 354-355.
	Dugad et al., "A New Wavelet-Based Scheme for Watermarking Images", IEEE, October 4-7, 1998, pp. 419-423.
	Hsu et al., "Multiresolution Watermarking for Digital Images," IEEE Trans. on Circuits and Systems II: Analog and Digital Signal Processing, vol. 45, no. 8, pp. 1097-1101, August, 1998.
	Inoue et al., "A Digital Watermark Method Using the Wavelet Transform for Video Data", IEICE Trans. Fundamentals, Vol. E83-A, No. 1, Jan 2000, pp. 96.
	Kim et al., "A Robust Wavelet-Based Digital Watermarking Using Level-Adaptive Thresholding", IEEE 1999, pp. 226-230.
	Kim et al., "Wavelet Based Watermarking Method for Digital Images Using the Human Visual System", IEEE 1999, pp. 80-83.
	Kundur et al., "A Robust Digital Image Watermarking Method Using Wavelet-Based Fusion," Int. Conf. on Image Proc., Oct. 1997, pp. 544-547.
	Kundur et al., "Digital Watermarking for Telltale Tamper Proofing and Authentication", IEEE, vol. 87, No. 7, pp. 1167-1180.
	Kundur et al., "Digital Watermarking Using Multiresolution Wavelet Decomposition," Proc. of 1998 IEEE Int. Conf. on Acoustics, Speech and Signal Processing," ICASSP '98, pp. 2969-2972, vol. 5.
	Matsui et al., "Embedding a Signature to Pictures Under Wavelet Transformation," Transactions of the Institute of Electronics Information and Communication Engineers D-II, vol. J79D-II, no. 6, June, 1996, pp. 1017-24.
	Matsui et al., "Use of the Wavelet Transformation to Embed Signatures in Images," Systems and Computers in Japan, January, 1997, Vol. 28, no. 1, pp. 87-94.
	Meerwald et al., "A Survey of Wavelet-domain Watermarking Algorithms", Security and Watermarking of Multimedia Contents III, January 2001, vol. 4314, pp. 505-516.
	Onishi et al., "A Method of Watermarking with Multiresolution Analysis and Pseudo Noise Sequences," Systems and Computers in Japan, vol. 29, no. 5, pp. 11-19, May 1998.
	Ohnishi et al., "Embedding a Seal into a Picture Under Orthogonal Wavelet Transform, Proceedings of MULTIMEDIA '96, 1996, IEEE, pp. 514-521.
	Pereira et al., "Optimized Wavelet Domain Watermark Embedding Strategy Using Linear Programming", SPIE AeroSense 2000: Wavelet Applications, April 2000.
	Swanson et al., "Multiresolution Scene-Based Video Watermarking Using Perceptual Models," IEEE Journal on Selected Areas in Communications, May, 1998, vol. 16, no. 4, pp. 540-550.

Examiner Signature:	Date Considered:

*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE STATEMENT	Docket: P0879	Ser. No. 10/683,560
	Applicant: Tian et al.	
	Filed: October 09, 2003	Group: 2625

	Swanson et al., "Multiresolution Video Watermarking Using Perceptual Models and Scene Segmentation," Proc. Int. Conf. on Image Processing, vol. 2, pp. 558-561, Oct., 1997.
	Tsekeridou et al., "Embedding self-similar watermarks in the wavelet domain," Proceeding of the IEEE ICASSP 2000, June 2000, pp. 1967-1970.
	Tsekeridou et al., "Wavelet-Based Self-Similar Watermarking for Still Images", 2000 IEEE International Symposium on Circuits and Systems. Emerging Technologies for the 21st Century, pp. 220-223.
	Wang et al., "Wavelet Based Digital Image Watermarking," Optics Express, vol. 3, no. 12, pp. 491-496, Dec. 7, 1998.
	Wei et al., "Perceptual Digital Watermark of Images Using Wavelet Transform," IEEE Transactions on Consumer Electronics, vol. 44, no. 4, pp. 1267-1272, Nov. 1998.
	Xie et al., "Joint Wavelet Compression and Authentication Watermarking", ICIP, October 4-7, 1998, pp. 427-431.
	Zhu et al., "Multiresolution Watermarking for Images and Video", IEEE Transactions on Circuits and Systems for Video Technology, Vol. 9, No. 4, June 1999, pp. 545-550

Examiner Signature:	Date Considered:
*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.	